

What is QueSAFE?

QueSAFE (Secure Quantum Accessible File Exchange) is an innovative, quantum-secure point-to-point (P2P) communication device that leverages Simulated Quantum Entanglement (SQE) to eliminate traditional encryption key vulnerabilities. It protects communications without transmitting encryption keys online, ensuring absolute data privacy.



This image is a conceptual representation only. The final design or implementation may vary based on development, material, or other factors.

Solution for Every Industry

Financial Service
& Banking

Government &
Defense

Healthcare &
Pharmaceutical

Legal &
Corporate
Communications

Technology &
IT Services

Key Features

- **End-to-End Encryption:** Encrypts data at the source, never transmitting keys online.
- **SQid Integration:** All devices come pre-registered with a unique SQid.
- **Scalable:** Eliminates the need for costly QKD set-ups and can scale from 100KB/s to 100MB/s
- **Internal Battery Back-up:** Integrated battery ensures reliable operation with extended runtime and portability.

Use Cases

Financial Services & Banking

- Ensures quantum-secure financial transactions, reducing fraud risks.
- Protects client data and keys to meet strict financial industry regulations.

Legal & Corporate Communications

- Secures legal documents and communications from unauthorized access.
- Enables tamper-proof transfer of contracts, ensuring document integrity.

Healthcare & Pharmaceutical

- Protects patient records and test results, ensuring compliance with laws.
- Secures research data and patents from cyber threats and data breaches.

Government & Defense

- Provides secure communication for sensitive, mission-critical operations.
- Shields critical infrastructure systems from potential cyber threats.

Benefits

- **Quantum Secure Communication:** Data secured using Simulated Quantum Entanglement.
- **Cost-Effective Alternative:** Avoids expensive Quantum Key Distribution (QKD) setups.
- **User-Friendly Set-up:** Plug-and-play installation with WiFi connectivity.
- **Effortless Integration:** Operates seamlessly within your organizations existing profile, ensuring no backend access.

Specifications & Power Requirements

Physical Specifications

- **Dimensions and Weight:** 4" x 2" x 3/4"; ~1lb+
- **Material and Build Quality:** Complies with IPC-A-610 for high-quality electronic assembly and industry standards.
- **Secured Housing:** Cement filled plastic housing with multiple self-protection sensors.

Power Consumption Requirements

- **Power Supply:** 5-watt USB-C connection
- **Built in Battery Backup**
- **Power Consumption:** <1 watt

Operating Environmental

- **Operating Temperature:** 0°C to 55°C
- **Storage Temperature:** -20°C to 85°C
- **Humidity:** 10-100%

See first-hand the power of QueSAFE. [Schedule a demo today!](#)